

INTERNATIONAL SEARCH REPORT

 Int. Application No
 PCT/EP 99/01894

A. CLASSIFICATION OF SUBJECT MATTER

 IPC 6 C12N15/57 C12N9/64 C07K16/40 C12N15/11 C12N7/01
 C12Q1/68 G01N33/68 A61K31/70 A61K38/48

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 6 C12N C07K C12Q G01N A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EMBL database entry HS1237334; accession number AA436049; 1-JUNE-1997; Hillier et al.: 'WashU-NCI human EST project.' XP002110434 abstract ---	1-13, 24, 26, 27
A	WO 95 17209 A (SMITHKLINE BEECHAM BIOLOG ;MOMIN PATRICIA MARIE (BE); GARCON NATHA) 29 June 1995 (1995-06-29) cited in the application ---	17, 18
E	WO 99 31236 A (BOUGUELERET LYDIE ;DUCLERT AYMERIC (FR); GENSET (FR); DUMAS MILNE) 24 June 1999 (1999-06-24) SEQ.IDs. 342 and 478 ---	1-13, 19, 24, 26, 27
-/--		

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

2 August 1999

Date of mailing of the international search report

16/08/1999

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

Int. Application No.
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	WO 98 32865 A (INCYTE PHARMA INC ;GOLI SURYA K (US); HILLMAN JENNIFER L (US)) 30 July 1998 (1998-07-30) SEQ.IDs. 1-3 ----	1,5-8, 10-13, 19,24, 26,27
P,X	YOSHIDA S. ET AL. : "cDNA cloning and expression of a novel serine protease, TLSP." BIOCHIM. BIOPHYS. ACTA, vol. 1399, 20 August 1998 (1998-08-20), pages 225-228, XP002110433 the whole document -----	1-13,24, 26,27

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International application No.

PCT/EP 99/01894

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Remark: Although claims 21 and 22
are directed to a method of treatment of the human/animal
body, the search has been carried out and based on the alleged
effects of the compound/composition.
2. ☒ Claims Nos.: 23
because they relate to parts of the International Application that do not comply with the prescribed requirements to such
an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all
searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment
of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report
covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is
restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

International Application No. PCT/EP 99 01894

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 23

Claim 23 (completely) and claim 24 (partially) relate to agonists, antagonists and nucleic acid molecules that modulate the expression of the nucleotide sequence encoding a CASB12 polypeptide, without giving a further characterization of the claimed matter. In consequence, the scope of said claims is ambiguous and, moreover, their subject-matter is vague and not sufficiently disclosed.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

INTERNATIONAL SEARCH REPORT

Information on patent family members

Int. Application No

PCT/EP 99/01894

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 9517209 A	29-06-1995	AT 177322 T	15-03-1999
		AU 1316495 A	10-07-1995
		AU 687494 B	26-02-1998
		AU 1316695 A	10-07-1995
		AU 705521 B	27-05-1999
		AU 6803198 A	09-07-1998
		AU 705519 B	27-05-1999
		AU 6803298 A	09-07-1998
		CA 2179779 A	29-06-1995
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		DE 69417063 D	15-04-1999
		WO 9517210 A	29-06-1995
		EP 0735898 A	09-10-1996
		EP 0868918 A	07-10-1998
		ES 2129801 T	16-06-1999
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		NZ 277802 A	27-04-1998
		SG 49257 A	18-05-1998
		ZA 9410176 A	17-11-1995
WO 9931236 A	24-06-1999	WO 9925825 A	27-05-1999
WO 9832865 A	30-07-1998	US 5840871 A	24-11-1998
		AU 6041998 A	18-08-1998